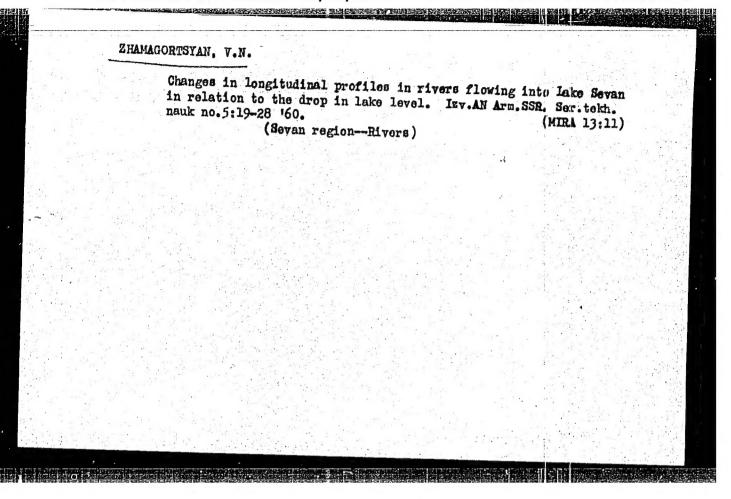ANAN'YAN, A.K., doktor tekhn. nauk, prof.; BEK-MARMARCHEV, B.I.,
kand. geogr. nauk; ZHAMAGORTSYAN, V.M., kand. tekhn. nauk;
CHITCHYAN, A.I., kand. sel'khoz. nauk; YEDIGARYAN, Z.P.,
mlad. nauchnyy sotr.; SATIAN, M.A., kand. geol.-mineral.
nauk; PAYRAZYAN, V.V., mladshiy nauchnyy sotr.; VEBER, V.V.,
prof.; NAZARYAN, A.G., kand. tekhn. nauk; POKHSRARYAN, M.S.,
mladshiy nauchnyy sotr.; TER-ASTVATSATRYAN, M.I., mladshiy
nauchnyy sotr.; VELIKANOV, M.A.; VELIKANOV, M.A., otv. red.;
SHTIBEN, R.A., red. izd-va; KAPLANYAN, M.A., tekhn. red.,

[Results of complex research on the Sevan problem] Rezul'taty
kompleksnykh issledovanii po Sevanskoi probleme. Erevan,
Izd-vo AN Armianskoi SSR. Vol.2. [Channel processes] Ruslovye
protsessy. 1962. 255 p.
                                                    (MIRA 15:7)

1. Akademiya nauk Armyanskoy SSR, Yerivan. Institut vodnykh
problem. 2. Chlen-korrespondent Akademii nauk SSSR (for
Velikanov).

        (Sevan Lake region--Hydrology)

ZHAMAGORTSYAN, V.N.

Changes in longitudinal profiles in rivers flowing into Lake Sevan in relation to the drop in lake level. Izv. AN Arm. SSR. Ser. tekh. nauk no.5:19-28 '60.
(MIRA 13:11)
                    (Sevan region--Rivers)

USSR / Farm Animals. Cattle.   Q

Abs Jour   : Ref Zhur - Biologiya, No 5, 1959, No. 21230

Author   : Zhamakochyan, Sh. V.

Inst   : Armenian Scientific Research Institute of Animal
              Husbandry and Veterinary Sciences

Title   : Review of the Crossing of Local Cattle with Schwyz
              and Simmenthal Breeds in the Armenian USSR

Orig Pub   : Tr. Arm. n.-i. in-ta zhivotnovodstva i veterinarii,
              1957, 2, 5-18

Abstract   : A mass absorptive (transformative) crossing of local
              cattle with Schwyz and Simmenthal sires was carried
              out, especially if conditions were created which
              confirmed to the requirements of hybrid animals,
              the results were positive. At the Stepanavanskiy GPR,
              Schwyz hybrids of the 1st generation gave 37.2 percent
              larger milk yields than local breeds; of the 2nd

Card 1/2

43

ZHAMALOVA, Z.M.

JAMALOVA, Z. M.

"Mother and Child Care in the Uzbek SSR," paper presented at the Joint
Scientific Session held by AMS USSR and Min. of Pub. Health SSR on Problems
of Regional Pathology, 20-25 Sept 54, Tashkent, page 92.

Attachment to B-98525, 30 Jul 56

In. U. of Cal. Library

ZHAMANKULOV, Zh.K.; FETISOV, V.A.; SADYKOV, G.Kh.

Method of breaking up oversize pieces of ore under restricted conditions. Trudy Inst. gor. dela AN Kazakh.SSR 12:155-158 '63.
(MIRA 17:8)

1. Sokolovsko-Sarbayskiy gornoobogatitel'nyy kombinat (for Zhamankulov, Fetisov). 2. Institut gornogo dela AN Kazakhskoy SSR (for Sadykov).

SADYKOV, G.Kh.; ZHAMANKULOV, Zh.K.

Investigating the effect of the geological structure
(fracturing) of a rock massif on the result of blasting
operations in open-pit mines. Trudy Inst. gor. dela AN
Kazakh. SSR 18:46-59 '65.   (MIRA 18:12)

ZHAMBALOV, D. Zh., Cand Agri Sci -- (diss) "Summer ~~Camp~~ (maintenance) of ~~the~~

Dairy Cattle in ~~Collective Farms~~ kolkhozes of ~~the~~ Leningradskaya Oblast,

its Organizational Forms, and their Relative Efficiency". Len,

1958. 23 pp (Min~~istry~~ of Agri. USSR. Leningrad Veterinar~~ian~~

Institute). 150 copies. (KL 34-58, 100).

22

BELEVTSEV,Ya.N.; RODIONOV,S.P., redaktor; ZHAMEROVSKIY,M.A., redaktor;
SIVACHENKO,Ye.K., tekhnicheskiy redaktor

[Iron ore prospecting in areas influenced by magnetic anomalies]
Poiskovye kriterii zheleznykh rud magnitnykh anomalii. Kiev, Izd-
vo Akademii nauk Ukrainskoi SSR, 1954. 42 p. (Akademiia nauk URSR,
Kiev. Instytut geologichnykh nauk. Trudy Seriia petrografii, mi-
neralogii i geokhimii, no.4)   (MLRA 8:10)
                (Prospecting) (Krivoy Rog--Iron ores)

ZHAMBYN OCHIR

Dynamics of the productivity of pastures in the southwestern part
of the Kentei natural region of the Mongolian People's Republic.
Bot. zhur. 48 no.7:1081-1086 Jl '63.   (MIRA 16:9)

1. Vsesoyuznyy institut kormov, pochtovoe otdeleniye Lugovaya
Moskovskoy oblasti.
                    (Kentei Mountains—Pastures and meadows)

BALAKIN, N.; ZHAMENSKIY, B., master sporta

One plus twelve. Kryl.rod. 11 no.9:5 S '60.   (MIRA 13:9)

1. Glavnyy sud'ya sorevnovaniy letchikov vtoroy tsentral'noy zony RSFSR.
                (Kalinin--Airplanes--Piloting)

SHVARTSMAN, Ya.S.; BELINSKIY, V.M.; ZHAMERICHEV, S.S.; MIZRAKHI, Ya.I.

Importance of enteropathogenic intestinal bacteria in the etiology of intestinal disorders in adults. Zhur.mikrobiol., epid. i immun. 32 no.11:139-140 N '61.   (MIRA 14:11)
            (INTESTINES—DISEASES)   (ESCHERICHIA)

Zhamin, V.

Uspekhi ekonomicheskogo stroitel'stva v Kitayskoy narodnoy espublike (Successes of economic construction in the Chinese People's Re ublic, by) I. Vladimirova and V. Zhamin. Moskva, Gospolitizdat, 1953.
99 p.

Il/5
780.1
.V8

ZHAMIN, Vitaliy Alekseyevich; KHUDOKORMOV, G.N., red.; USHOMIRSKIY, M.Ya.,
red.izd-va; GAMZAYEVA, M.S., tekhn.red.

[Socialist reorganization of agriculture in the Chinese People's
Republic; a lecture in a course in political economy] Sotsialisti-
cheskoe preobrazovanie sel'skogo khoziaistva v Kitaiskoi Narodnoi
Respublike; lektsiia po kursu politicheskoi ekonomii. Moskva, Gos.
izd-vo "Sovetskaia nauka," 1957. 61 p.   (MIRA 11:1)
                              (China--Agriculture)

ZHAMIN, Vitaliy Alekseyevich,dots.; SHCHETININ, V.D.,red.; BELYAYEV,
N.A., tekhn. red.

[Social and economic reorganization of the agriculture of the
Chinese People's Republic] Sotsial'no-ekonomicheskie preobrazo-
vaniia v sel'skom khoziaistve KNR. Moskva, Izd-vo in-ta
mezhdunarodnykh otnoshenii, 1958. 278 p. (MIRA 11:12)
                    (China--Agriculture)

ABRAMOV, V.A.; ALEKSEYEV, A.M.; AL'TER, L.B.; ARAKELYAN, A.A.; BAKLANOV, G.I.;
BASOVA, I.A.; BLYUMIN, I.G.; BOGOMOLOV, O.T.; BOR, M.Z.; BRRGEL',
E.Ya.; VEYTSMAN, N.R.; VIKENT'YEV, A.I.; GAL'TSOV, A.D.; GERTSOVSKAYA,
B.R.; GLADKOV, I.A.; DVORKIN, I.N.; DRAGILEV, M.S.; YEFIMOV, A.N.;
ZHAMIN, V.A.; ZHUK, I.N.; ZAMYATNIN, V.N.; IGNAT'YEV, D.I.; IL'IN,
M.A.; IL'IN, S.S.; IOFFE, Ya.A.; KAYE, V.A.; KAMENITSER, S.Ye.;
KATS, A.I.; KLIMOV, A.G.; KOZLOV, G.A.; KOLGANOV, M.V.; KONTOROVICH,
V.G.; KRAYEV, M.A.; KRONROD, Ya.A.; LAKHMAN, I.L.; LIVANSKAYA, F.V.;
LOGOVINSKAYA, R.L.; LYUBOSHITS, L.I.; MALYSH, A.I.; MENZHINSKIY,
Ye.A.; MIKHAYLOVA, P.Ya.; MOISEYEV, M.I.; MOSKVIN, P.M.; NOTKIN,
A.I.; PARTIGUL, S.P.; PERVUSHIN, S.P.; PETROV, A.I.; PETRUSHOV, A.M.;
PODGORNOVA, V.M.; RABINOVICH, M.A.; RYVKIN, S.S.; RYNDINA, M.N.;
SAKSAGANSKIY, T.D.; SAMSONOV, L.N.; SMEKHOV, B.M.; SOKOLIKHIN, S.I.;
SOLLERTINSKAYA, Ye.I.; SUDARIKOV, A.A.; TATAR, S.K.; TERENT'YEV,
P.V.; TYAGAY, Ye.Ya.; FEYGIN, Ya.G.; FIGURNOV, P.K.; FRUMKIN, A.B.;
TSYRLIN, L.M.; SHAMBERG, V.M.; SHAPIRO, A.I.; SHCHENKOV, S.A.;
RYDEL'MAN, B.I.; EKHIN, P.E.; MITROFANOVA, S., red.; TEOYANOVSKAYA, N.,
tekhn.red.

[Concise dictionary of economics] Kratkii ekonomicheskii slovar'.
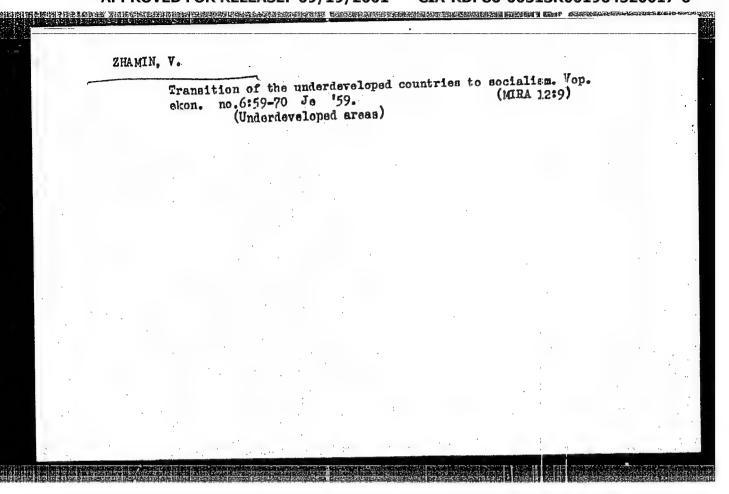Moskva, Gos.izd-vo polit.lit-ry, 1958. 391 p.   (MIRA 11:7)
          (Economics—Dictionaries)

ZHAMIN, V.A.; VOLKOVA, L.A.; RUBIN, B.A.; GORLENKO, M.V.; PARSADANOVA,
K.O., red.; GRIGORCHUK, L.A., tekhn.red.

[Problems in the development of agricultural science in the
Chinese People's Republic] Nekotorye voprosy razvitiia sel'sko-
khoziaistvennoi nauki v KNR. Moskva, Gos.izd-vo "Vysshaia shkola,"
1959. 293 p.   (MIRA 13:7)
          (China--Agriculture)

ZHAMIN, V.

Transition of the underdeveloped countries to socialism. Vop.
ekon.   no.6:59-70 Je '59.   (MIRA 12:9)
          (Underdeveloped areas)

U TSZYAN [Wu Chiang]; BATALOV, E.Ya. [translator]; VOYEVODIN, S.A.
    [translator]; ZANEGIN, B.N. [translator]; ZHAMIN, V.A., red.;
    TUZMUKHAMEDOV, R.A., red.; RYBKINA, V.P., tekhn.red.

[Problems of transforming capitalist industry and commerce in the
Chinese People's Republic] Voprosy preobrazovaniia kapitalisti-
cheskoi promyshlennosti i torgovli v KNR. Obshchaia red. i predisl.
V.A.Zhamina. Moskva, Izd-vo inostr.lit-ry, 1960. 574 p. Translated
from the Chinese.   (MIRA 13:7)
        (China--Industries)   (China--Commerce)

ZHAMIN, V.A., prof.; GLUKHAREV, L.I., kand. ekonom. nauk; PUCHKOV, A.N.,
    dotsent, kand. ekonom. nauk; FAMINSKIY, I.P.; KURAKIN, N.A.,
    kand. ekonom. nauk; IVANOV, N.N., kand. ekonom. nauk; SMIRNOV,
    G.V., dotsent, kand. ekonom. nauk; VASIL'KOV, N.P., kand. ekonom.
    nauk; VASIL'KOV, N.P., kand. ekonom. nauk; LUK'YANOVA, M.I.,
    prof., doktor ekonom. nauk; OZIRA, V.Yu., red.; LAZAREVA, L.V.,
    tekhn. red.

[Characteristics of developing industrial production in
capitalist countries] Osobennosti razvitiia promyshlennogo pro-
izvodstva v kapitalisticheskikh stranakh. Pod red. V.A.Zhamina.
Moskva, Izd-vo Mosk. univ., 1961. 239 p.   (MIRA 15:2)

1. Moscow. Universitet. Ekonomicheskiy fakul'tet. Kafedra ekonomiki
zarubezhnykh stran.
                        (Industry)

ZHAMIN, VITALIY ALEKSEYEVICH

Some questions on the development of agricultural
sciences in the People's Republic of China, by
V.A. Zhamin /and others_/ New York, USJPRS, 1961.
298 p. illus., diagrs., graphs, maps, tables.
(JPRS: 9717; CSO: 6380-N)
Translated from the original Russian: Nekotoryye
voprosy razvitiya sel'skokhozyaystvennoy nauki v KNR,
Moscow, 1959.
Bibliographical footnotes.

ZHAMIN, V.

Problems in equalizing the economic development of the countries
of the world socialist system. Vop. ekon. no.3:17-26 Mr '61.
(MIRA 14:3)

(Communist countries—Economic policy)
(Communist countries—Foreign economic relations)

ZHAMIN, Vitaliy Alekseyevich, prof., doktor ekonom. nauk; TRIFONOV, V.,
red.; TYAGAY, Ye., red.; TROYANOVSKAYA, N., tekhn. red.

[Equalizing the level of the economic development of socialist
countries] O vyravnivanii urovnei ekonomicheskogo razvitiia
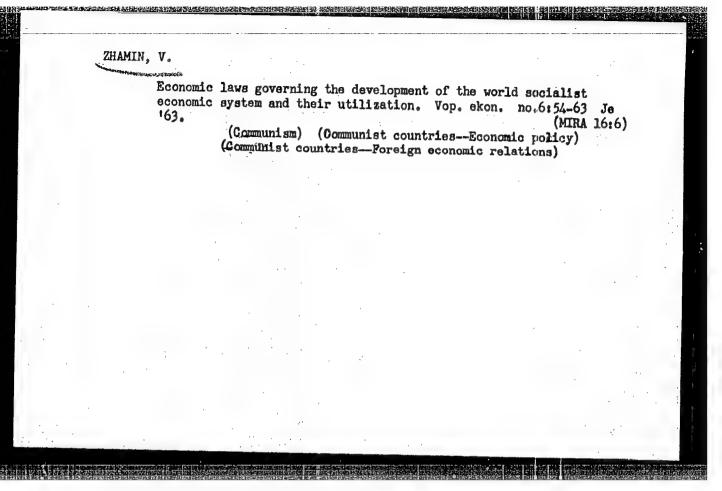sotsialisticheskikh stran. Moskva, Gospolitizdat, 1962. 85 p.
                                        (MIRA 15:5)
            (Communist countries--Economic policy)
        (Communist countries--Foreign economic relations)

BESSONOV, S.A.; VASIL'KOV, N.P., kand. ekon. nauk; VLASOV, V.A., kand.
ekon. nauk; GLUKHAREV, L.I., kand.ekon. nauk; DANILEVICH, M.V.,
doktor ekon. nauk; ZHAMIN, V.A., doktor ekon. nauk, prof.;
ZAKHMATOV, M.I., kand. ekon. nauk; KURAKIN, N.A., kand. ekon.
nauk; PANOV, V.P.; SMIRNOV, G.V., kand. ekon. nauk, dots.;
TRIFONOV, V.I., kand. ekon. nauk; TYAGAY,Ye.Ya.; FAMINSKIY,
I.P.; KHODOV, L.G.; SHMIDT, G.A., kand. ekon. nauk, dots.;
SHMIGOL', N.N., kand. ekon. nauk, dots.; MATSUK, R.V., red.;
GARINA, T.D., tekhn. red.

[The economy of foreign countries; the capitalistic system of
the world economy after the Second World War]Ekonomika zaru-
bezhnykh stran; kapitalisticheskaia sistema mirovogo khoziai-
stva posle Vtoroi Mirovoi voiny. Pod red. V.A.Zhamina. Mo-
skva, Vysshaia shkola, 1962. 632 p.   (MIRA 16:1)
                    (Economic history)

ZHAMIN, V.

Creating the material and technical base of socialism in the
people's democracies. Vop. ekon. no.6:41-49 Je 62.

(MIRA 15:6)

(Communist countries—Economic policy)

ZHAMIN, V.

Economic laws governing the development of the world socialist
economic system and their utilization. Vop. ekon. no.6:54-63 Je
'63.
(MIRA 16:6)
(Communism) (Communist countries--Economic policy)
(Communist countries--Foreign economic relations)

TAVADZE, F.N.; OKLEY, L.N.; ZHAMIYERASHVILI, G.V.

Investigating temperatute distribution in the mandrel during first piercing. Stal' 23 no. 3:252-253 Mr '64. (MIRA 17:5)

1. Gruzinskiy institut metallurgii i Rustavskiy metallurgicheskiy zavod.

POGOSYAN, G.M.; ZHAMKOCHYAN, G.A.; MATSOYAN, S.G.

Polymerization of 4-vinylbenzoic acid esters. Vysokom. soed.
7 no.4:707-709 Ap '65.   (MIRA 18:6)

1. Institut organicheskoy khimii AN Armyanskoy SSR.

ACCESSION NR: AP4020516   S/0171/64/017/001/0062/0068

AUTHOR: Matsoyan, S. G.; Pogosyan, G. M.; Zhamkochyan, G.A.

TITLE: Cyclic polymerization and copolymerization
    28. Synthesis and study of the cyclic polymerization of some N-substituted
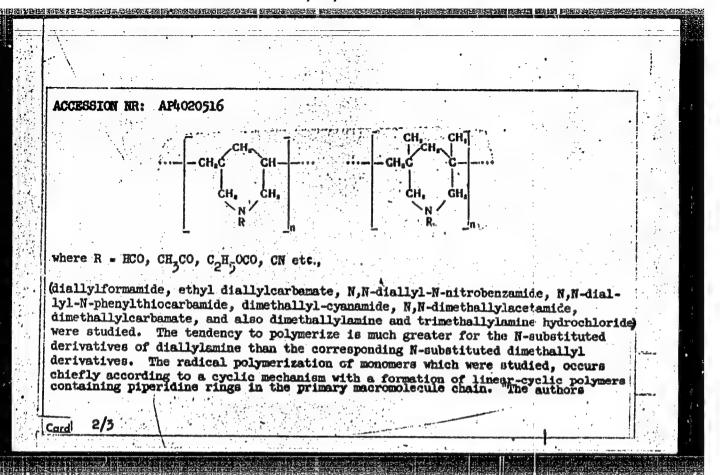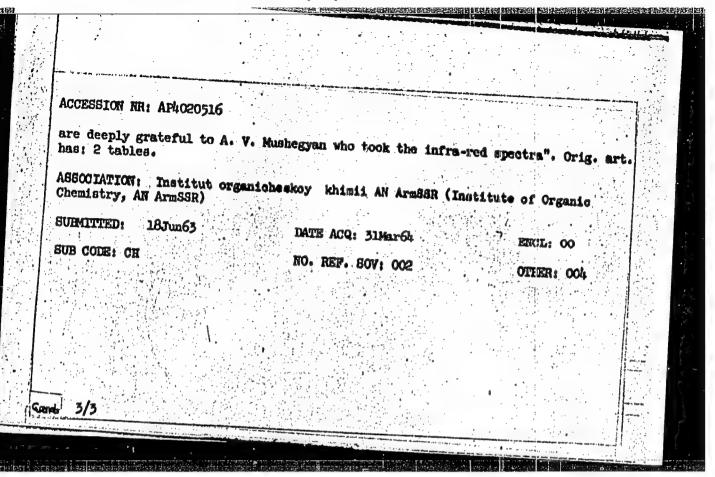   derivatives of diallyl- and dimethallylamine

SOURCE: AN ArmSSR. Izv. Khimicheskiye nauki, v. 17, no. 1, 1964, 62-68

TOPIC TAGS: Cyclic polymerization, cyclic copolymerization, dimethallylamine,
diallylamine derivative, diallylformamide, ethyl diallylcarbamate, nitrobenzamide
derivative, phenyltheocarbamide derivative dimethallylcyanamide, dimethallylaceta-
mide derivative, dimethallylcarbamate, dimethallylamine hydrochloride, tri-
methallylamine hydrochloride

ABSTRACT: The polymerization of N-substituted derivatives of diallylamine, con-
taining electron acceptor groups (CO, SO_2, CN etc.) in nitrogen, in the presence
of radical initiators are studied in order to determine the polymer properties.
Synthesis and polymerization for a series of nitrogen-containing 1,6-dienes;

Card 1/3

ACCESSION NR: AP4020516

where R = HCO, CH_3CO, C_2H_5OCO, CN etc.,

(diallylformamide, ethyl diallylcarbamate, N,N-diallyl-N-nitrobenzamide, N,N-dial-lyl-N-phenylthiocarbamide, dimethallyl-cyanamide, N,N-dimethallylacetamide, dimethallylcarbamate, and also dimethallylamine and trimethallylamine hydrochloride) were studied. The tendency to polymerize is much greater for the N-substituted derivatives of diallylamine than the corresponding N-substituted dimethallyl derivatives. The radical polymerization of monomers which were studied, occurs chiefly according to a cyclic mechanism with a formation of linear-cyclic polymers containing piperidine rings in the primary macromolecule chain. The authors

Card 2/3

ACCESSION NR: AP4020516

are deeply grateful to A. V. Mushegyan who took the infra-red spectra". Orig. art. has: 2 tables.

ASSOCIATION: Institut organicheskoy khimii AN ArmSSR (Institute of Organic Chemistry, AN ArmSSR)

SUBMITTED: 18Jun63   DATE ACQ: 31Mar64   ENCL: 00

SUB CODE: CH   NO. REF. SOV: 002   OTHER: 004

Card 3/3

TOROSYAN, G.M.; ZHAMKOCHYAN, G.A.; MATSOYAN, S.G.

Esters of 4-vinylbenzoic acid. Izv.AN Arm.SSR. Khim nauki 18 no.4:418-420 '65.

Some amides of 4-vinylbenzoic acid. Ibid.:421-423

(MIRA 18:12)

1. Institut organicheskoy khimii AN Armyanskoy SSR. Submitted June 29, 1964.

POGOSYAN, G.M.; ZHAMKOCHYAN, G.A.; MATSOYAN, S.G.

Polymerization of amides of 4-vinylbenzoic acid. Vysokom. soed. 7
no.5:828-830 My '65.   (MIRA 18:9)

1. Institut organicheskoy khimii Armyanskoy SSR.

L 4149-66   EWT(m)/EPF(c)/EWP(j)   RM
ACCESSION NR: AP5023918   UR/0171/65/018/004/0418/0420
                                 542.951.3
AUTHOR: Pogosyan, G. M.; Zhamkochyan, G. A.; Matsoyan, S. G.

TITLE: Esters of 4-vinylbenzoic acid

SOURCE: AN ArmSSR. Izvestiya. Khimicheskiye nauki, v. 18, no. 4, 1965, 418-420

TOPIC TAGS: ester, vinylbenzoic acid, esterification

ABSTRACT: Esters of 4-vinylbenzoic acid were synthesized by the action of thionyl chloride on 4-vinylbenzoic acid followed by the reaction of the acid chloride thus obtained with the corresponding alcohols in the presence of triethylamine in a solution of absolute ether:

Methyl, ethyl, propyl, isopropyl, butyl, isobutyl, hexyl, β-dimethylamino-
Card 1/2

L 4149-66
ACCESSION NR: AP5023918

ethyl, and β-diethylaminoethyl esters were thus prepared. All the compounds obtained except the methyl ester are colorless liquids with a pleasant odor. Polymerization experiments showed that the synthesized esters are capable of polymerizing both in the presence and absence of radical initiators. The esters, particularly amino esters, may be of interest for the synthesis of physiologically active polymers. The experimental procedure employed is described. Orig. art. has: 1 table.

ASSOCIATION: Institut organicheskoy khimii AN ArmSSR (Institute of Organic Chemistry, AN ArmSSR)

SUBMITTED: 23Jun65   ENCL: 00   SUB CODE: OC, GC

NO REF SOV: 001   OTHER: 002

Card 2/2

PETROSYAN, V.P.; KARAPETYAN, N.G.; BOSHNYAKOV, I.S.; ZHAMKOCHAN, S.G.

Effect of the structure of polychloroprene on its dielectric properties. Izv. AN Arm. SSR. Khim. nauki 16 no.5:429-436 '63.   (MIRA 17:1)

1. Yerevanskiy gosudarstvennyy universitet i Yerevanskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta sinteticheskogo kauchuka.

ZHAMKOCHYAN, A. Kh.

Automatization of dust control. Bor'ba s sil. 3:189-192
'59.
      (MINE DUSTS)   (INSTRUMENTAL ANALYSIS)   (MIRA 12:9)

ASSOCIATION: none

Card 1/2

L 34843-65

ACCESSION NR: AP5008550

SUBMITTED: 06Jul61   ENCL: 00   SUB CODE: MT, GC

NO REF SOV: 000   OTHER: 000

ZHAMKOV, I
ZHAMKOV, I.

In the struggle to protect the property of cooperatives.
Prom.koop no.10:10-11 O '57.   (MIRA 10:12)

1.Zamestitel' predsedatelya pravleniya arteli invalidov
"Rospromtorgin."
                    (Cooperative societies)

ZHAMKOVA, K.I., slushatel' kursov po tsvetovedeniyu.

Useful courses. Tekst. prom. 19 no.5:96-97 My '59.
(MIRA 12:10)

(Color in the textile industry)

ZHAM'LANOVA, D. T.

KUSHKII R O., ZHAM'LANOVA D. T.

Sochetanie iazvennoi bolezni zheludka ili dvenadtsatiperstnoi
kishki s kholetsistitom. /Gastroduodenal ulcers complicated
by cholecystitis/ Klin. med., Moskva No. 3 Mar. 50 p. 56-60.

1. Of the Therapeutic Clinic of the Institute imeni Sklifosovskiy
    and of the Third Department of Therapy TsIU (Head of the
    Clinic and the Department — Honored Worker in Science Prof.
    A. N. Kryukov, Active Member of the Academy of Medical
    Sciences), Moscow.

CLML 19, 2, Aug. 50

SUCHKOV, V.V.; IAPIN, S.K.; SHUVAYEV, V.V.; KOSHELEVA, L.V.; ZHAMNOV, Yu.Ya.

Expediency of using metal conductor prostheses for nerve trunks.
Trudy 1-go MMI 42:119-128   '65.   (MIRA 19:2)

1. Laboratoriya po peresadke organov i tkaney AMN SSSR i kafedra
patologicheskoy anatomii 1-go Moskovskogo ordena Lenina meditsinskogo
instituta imeni Sechenova.

KULIKOV, M.V.; ZHAMOYDA, A.I.

Vladimir Dem'ianovich Fomichev, 1899-1965; an obituary.
Paleont. zhur. no.4:111-112 '65.   (MIRA 19:1)

ZHAMOYDA, A.I., nauchn. red.; SHVETSOVA, E.M., ved. red.

[Stratigraphic classification, terminology and nomen-
clature] Stratigraficheskaia klassifikatsiia, termino-
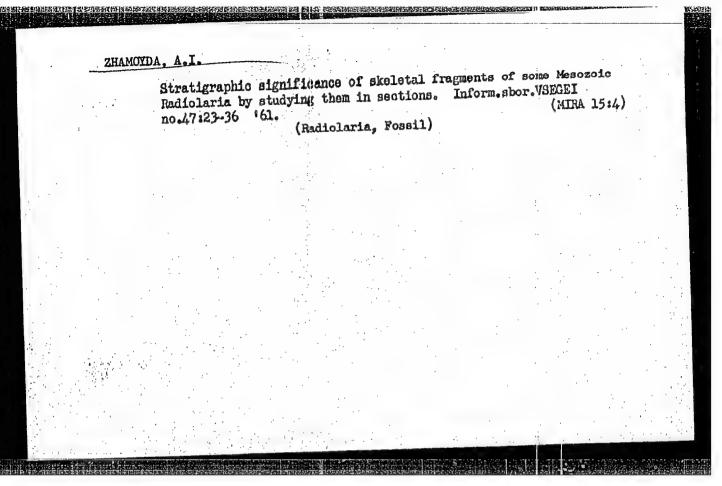logiia i nomenklatura. Leningrad, Nedra, 1965. 69 p.
                                        (MIRA 18:12)

1. Russia (1923- U.S.S.R.) Mezhvedomstvennyy stratigra-
gicheskiy komitet SSSR.

SOSNINA, M.I.; ZHAMOYDA, A.I.; SOKOLOV, R.I.; PODGORNAYA, N.S.

Paleozoic sediments of the massif of the Zarod Mountain (Maritime
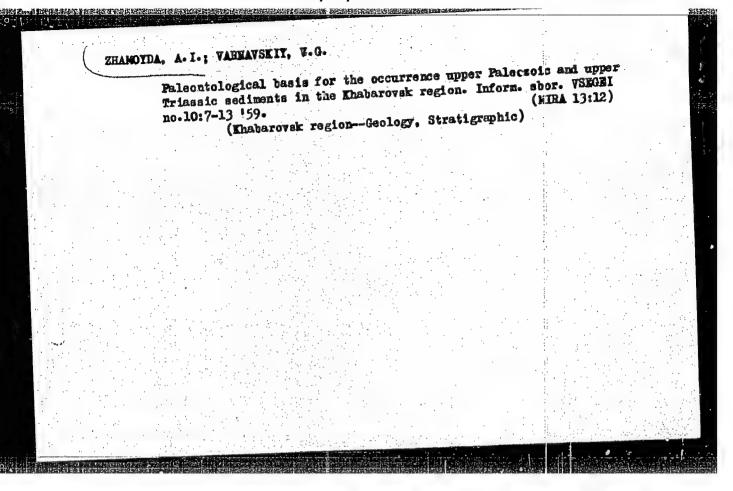Territory). Trudy VSEGEI 93:153-159 '64.   (MIRA 18:7)

ZHAMOYDA, A.I.; LIPMAN, R.Kh.

First seminar on radiolarians. Paleont. zhur. no.1:157-160 '65.
(MIRA 18:4)

ZHAMOYDA, A.I.

Stratigraphic significance of skeletal fragments of some Mesozoic
Radiolaria by studying them in sections. Inform.sbor.VSEGEI
no.47:23-36 '61.   (MIRA 15:4)
                      (Radiolaria, Fossil)

CHEDIYA, Dina Mikhaylovna; YUSUFOVA, S.M., otv. red.; KHABAKOV, A.V.,
    red.; ZHAMOYDA, A.I., red.; SALABATULLIN, R., tekhn. red.

[Review of the classification of Radiolaria; a mannual on fossil
Radiolaria] Obzor sistematiki radioliarii; posobie dlia izucheniia
iskopaemykh radioliarii. Stalinabad, 1959. 328 p.   (MIRA 14:9)
                    (Radiolaria, Fossil)

ZHAMOYDA, A.I.; VARNAVSKIY, V.G.

Paleontological basis for the occurrence upper Paleozoic and upper
Triassic sediments in the Khabarovsk region. Inform. sbor. VSEGEI
no.10:7-13 '59.
(MIRA 13:12)
(Khabarovsk region—Geology, Stratigraphic)

ZHAMOYDA, A.I.

New data on middle Carboniferous and Cretaceous sediments in the
Avvakumovka Valley (Sikhote-Alin' Range). Sov.geol. 2 no.11:
136-138 N '59.   (MIRA 13:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy Institut.
        (Avvakumovka Valley--Geology, Stratigraphic)

VERESHCHAGIN, V.N., otv.red.; KRASNYY, L.I., otv.red.; VLASOV, G.M., red.;
ZOLOTOV, M.G., red.; ZHAMOYDA, A.I., red.; KIPARISOVA, L.D., red.;
MODZALEVSKAYA, red.; ONIKHIMOVSKIY, V.V., red.; SAVRASOV, N.P.;
CHEMEKOV, Yu.F.; SKVORTSOV, V.P., red.; AVERKIYEVA, T.A., tekhn.red.

[Resolutions of the Interdepartmental Conference on the Elaboration of
Standard Stratigraphic Systems for the Far East] Resheniia soveshchaniia
Mezhvedomstvennogo soveshchaniia po razrabotke unifitsirovannykh stra-
tigraficheskikh skhem dlia Dal'nego Vostoka. Moskva, Gos.nauchno-tekhn.
izd-vo lit-ry po geol. i okhrane nedr, 1958. 51 p.   (MIRA 12:3)

1. Mezhvedomstvennoye soveshchaniye po razrabotke unifitsirovannykh
stratigraficheskikh skhem dlya Dal'nego Vostoka, Khabarovsk, 1956.
2. Predsedatel' Orgkomiteta Mezhvedomstvennogo soveshchaniya po raz-
rabotke unifitsirovannykh stratigraficheskikh skhem dlya Dal'nego
Vostoka (for Krasnyy).   (Soviet Far East--Geology, Stratigraphic)

ZHAMOYDA, A.I.; PODGORNAYA, N.S.; SOSHINA, M.I.

Lower Carboniferous deposits of Sikhote-Alin (Avvakumovka Valley).
Dokl. AN SSSR 118 no.6:1166-1168 F '58.   (MIRA 11:5)

1.Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut.
Predstavleno akademikom D.V. Nalivkinym.
        (Avvakumovka Valley--Geology, Stratigraphic)

20-118-6-33/43

AUTHORS: Zhamoyda, A. I., Podgornaya, N. S., Sosnina, M. I.

TITLE: On the Lower Carboniferous Sediments of the Sikhote-Alin' Mountains (Hydrographical Area of the Avvakumovka -River) (O nizhnekamennougol'nykh otlozheniyakh Sikhote-Alinya (basseyn r. Avvakumovki)

ABSTRACT: Since faunae were found for the first time in the chalks of these mountains (1932), the age of the two found species Productus ex gr. giganteus Mart. and Reticularia has not been determined precisely and has been designated as Permo-Carboniferous. Foraminifers which were found later, made the occurrences of the Lower Carboniferous time in the Primor'ye appear to be doubtful (references 1,2). The authors succeeded in determining foraminifers of the Visean age in chalks of the Skalistyy-spring (right affluent of the Avvakumovka), and in collecting further material and investigating the stratigraphic cross-section of the corresponding sediments. The latter form - with respect to structure - a southeastward

Card 1/4

20-118-6-33/43

On the Lower Carboniferous Sediments of the Sikhote-Alin'
Mountains (Hydrographical Area of the Avvakumovka - River)

overturned anticlinal fold with a north-eastern direction
of strata. It is complicated by some secondary folds and
covered by basal conglomerates of the Middle Carboniferous.
The authors propose the term Skalistaya -suite (according
to the name of the spring) for these sediments. It is
clearly subdivided into 2 concordantly situated substrata.
The lower substratum is characterized by a lithological
"variety" and has a total thickness of 3oo to 35o m. It
contains 12 layers of rock 5 to 75 m thick. A
foraminiferous fauna of 38 species and subspecies was deter-
mined in an intermediate layer of chalk. This foraminiferous
complex has a distinctly marked Lower Carboniferous feature.
Most of the species are widely spread in the Upper-Visean
deposits of the Russkaya -plateau of the Ural, Central -
Kazakhstan and Srednyaya Aziya. These sediments correspond
most exactly to the Serpukhovskiy and partly to the Okskiy
substage of the unified scheme of carboniferous sediments
of the European part of the USSR. The upper Skalistaya
substratum is approximately 7oo m thick. A layer

Card 2/4

On the Lower Carboniferous Sediments of the Sikhote-Alin'
Mountains (Hydrographical Area of the Avvakumovka- River)

(loo to 130 m thick) - ..... with small foraminifers
(Endothyra) with a Lower Carboniferous feature is deposited
in the middle of it. The lower stratum is - to a larger
extent than all other masses of the Sikhote - Alin'-mountains,
- saturated with silicate rocks (more than 9o% of the strata).
Marine Visean sediments are known in the Northeast of the
USSR and in the Kirin province of   Manchuria (reference 3)
within the range of the Nanking hills and in   North -
eastern Hupei   . . (reference 4). The authors further
debate with H. Igo (reference 5) who reports that Upper-Visean
sediments occur in the Khida-massif (Hida). The foramini -
ferous fauna of the Skalistyy spring can be easily correla-
ted with the Visean sediments of Central Asia and the
Central Kazakhstan and the European USSR. Due to this it
may be assumed that the Lower - Carboniferous transgression
of the synclinals of Sikhote-Alin' had an open connection
with the seas of the afore- mentioned regions during the
Upper-Visean time. This connection was apparently effected
through South-Manchuria and China. There are 5

Card 3/4

references, 4 of which are Soviet.

20-118-6-33/43

On the Lower Carboniferous Sediments of the Sikhote-Alin'
Mountains (Hydrographical Area of the Avvakumovka-River)

ASSOCIATION: All-Union Scientific Geological Research Institute,
              (Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy
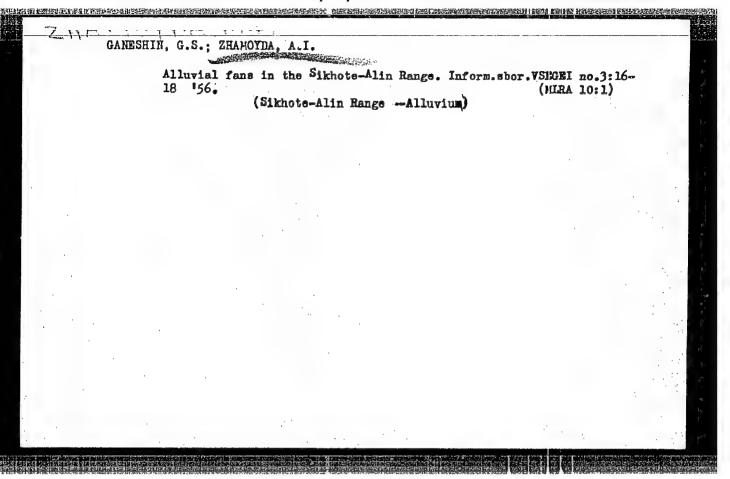   institut)

PRESENTED: August 5, 1957, by D. V. Nalivkin, Member of the Academy

SUBMITTED: July 31, 1957

Card 4/4

ZHAMOYDA, A.I.; LIPMAN, R.Kh.; MIKHAYLOV, A.F.; TITOV, V.A.

Age of siliceous igneous formations in the Koryak upland based on Radiolaria study data. Trudy VSEGEI 81:75-103 '63

(MIRA 17:7)

GANESHIN, G.S.; ZHAMOYDA, A.I.

Alluvial fans in the Sikhote-Alin Range. Inform.sbor.VSEGEI no.3:16-
18 '56.   (MLRA 10:1)

(Sikhote-Alin Range --Alluvium)

MUZYLEV, S.A.; ZHAMOYDA, A.I.

Stratigraphy of the upper Paleozoic of Mount Zarod in the Maritime
Territory.   Inform.sbor.VSEGEI no.2:29-35 '55.   (MIRA 9:11)
              (Maritime Territory--Geology, Stratigraphic)

ZHAMOYDA, A.I.

Mesozoic radiolarian complexes of the Sikhote-Alin' and the lower
Amur Valley and their stratigraphic significance. Dokl. AN SSSR
135 no.1:148-151 N'60.   (MIRA 13:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut.
Predstavleno akademium D.V.Nalivkinym.
              (Soviet Far East--Radiolaria, Fossil)

ZHAMOYDO, B.G.

USSR/Cultivated Plants. Cereals.

M

Abs Jour: Ref Zhur-Biol., No 17, 1958, 77576.

Author : Zhamoydo, D.G.
Inst   :
Title   : Kabardino-Balkar Scientific-Research Institute.
          Effectiveness of the Use of a Layer of Perennial
          Grasses in the Foothill Zone of the Kabardino-Balkar
          ASSR.

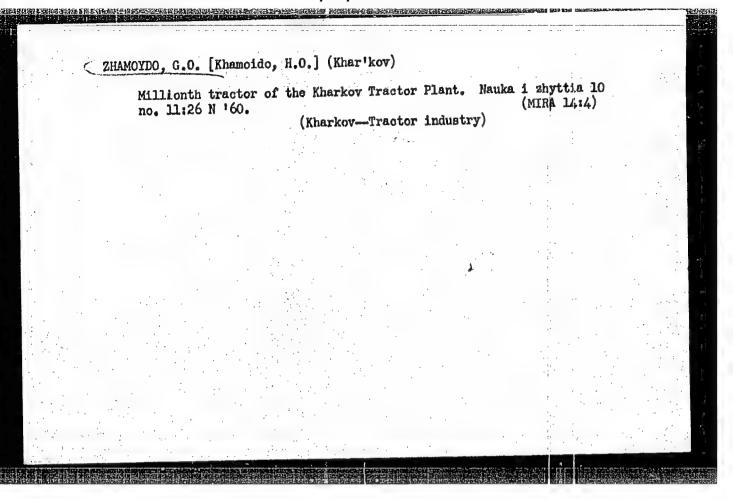Orig Pub: Uch. zap. Kabardino-Balkarsk. n.-i. in-ta, 1957,
          13, 31-79.

Abstract: In 1951-1955, experiments were conducted for the
          use of a cover of perennial grasses under winter and
          spring wheat and millet. Average harvests for 4
          years of winter wheat with P_c fertilizer obtained
          were 20.1-25.4, of spring - 16.0-21.5 and millet

Card : 1/2

ZHALOYDO, B.G., Cand Agr Sci--(diss) "Utilization of the (a) layer of peren-

nial grass (under) (for) winter and summer crops at various periods and

depth of tilling in the (piedmont) premountain zone of the Kabardino-Balkarskaya

ASSR." Nal'chik, Kabard.-Balkar (Book) Publishing House, 1958. 15 pp (Mos

Order of Lenin Agr Acad im K.I.Timiryazev), 200 copies (KL.44-58,123)

-53-

ZHAMOYDO, G.O. [Khamoido, H.O.] (Khar'kov)

Millionth tractor of the Kharkov Tractor Plant. Nauka i zhyttia 10
no. 11:26 N '60.   (MIRA 14:4)
                    (Kharkov—Tractor industry)

ZHAMPAKHOVA

CZECHOSLOVAKIA / Laboratory Equipment.

F

Abs Jour: Ref Zhur-Khimiya, No 12, 1958, 39473.
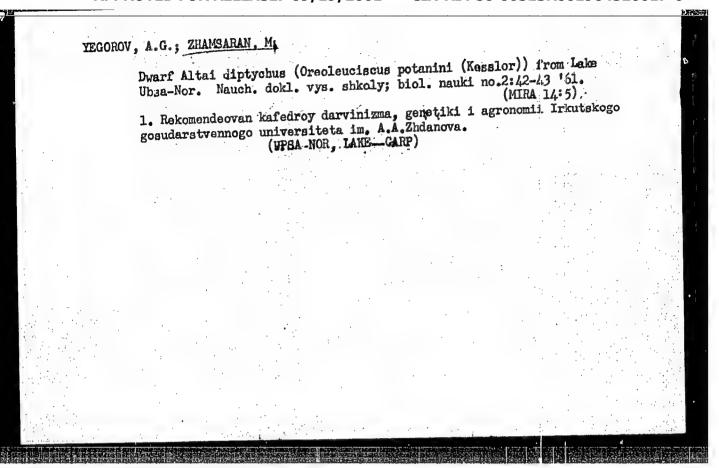
Author : Zhampakhova.
Inst   : Not given.
Title   : Thermanl Insulation of the Laboratory Fraction-
          ating Column.

Orig Pub:

Abstract: As a result of the calculations and experimental
          study, it was established that the application of
          vacuum jackets (J) for a thermal insulation of
          fractionating columns is expedient only if the
          mirror layer reflecting radiation is deposited on
          the surface of (J) with great care. The vacuum

Card 1/2

YEGOROV, A.G.; ZHAMSARAN, M.

Dwarf Altai diptychus (Oreoleuciscus potanini (Kesslor)) from Lake
Ubsa-Nor. Nauch. dokl. vys. shkoly; biol. nauki no.2:42-43 '61.
(MIRA 14:5).

1. Rekomendeovan kafedroy darvinizma, genetiki i agronomii Irkutskogo
gosudarstvennogo universiteta im. A.A.Zhdanova.
(UPSA-NOR, LAKE—CARP)

ALIKAYEV, V.A.; TARANENKO, I.L., veterinarnyy vrach; NIKOLAYEV, F.Ya.,
        veterinarnyy vrach; MIKHAYLETS, R.M., veterinarnyy vrach;
        ARTEMENKO, I.A., veterinarnyy fel'dsher; MOSKALENKO, A.N.,
        veterinarnyy fel'dsher; AL'BERTYAN, M.P., veterinarnyy vrach;
        SKARBOVENKO, V.I., veterinarnyy vrach; MOROZCV, A.I., veterinarnyy
        fel'dsher; VESHCHEVAYLOV, V.T., veterinarnyy vrach; LUZHENKO, I.U.,
        veterinarnyy fel'dsher; RUDOMETKIN, Ya.L., veterinarnyy vrach;
        PARSHUTKIN, I.M., veterinarnyy vrach; GOLOVANOVA, A.I., veterinarnyy
        vrach; SHIPILOVA, N.M., veterinarnyy vrach; SPIROV, V.D.,
        veterinarnyy vrach; BONDARENKO, V.N., voterinarnyy vrach;
        KOVAL', P.K., veterinarnyy fel'dsher; ZHAMSUYEV, B.TS., veterinarnyy
        vrach; APALEV, Ye.M., veterinarnyy vrach; KOLOTIY, N.A., veteri-
        narnyy vrach

        Diseases of the young animal, their prevention and treatment;
        based on data received by the editors. Veterinariia 39 no.1:49-54
        Ja '62.   (MIRA 15:2)

        1. Besedinskaya rayonnaya veterinarnaya lechebnitsa, Kurskoy
        oblasti (for Taranenko). 2. Bo'she-Sosnovskaya rayonnaya
        lechebnita, Permskoy oblasti (for Nikolayev). 3. Aleksandrov-
        skiy veterinarnyy uchastok, Voznesenskogo rayona, Nikolayevskoy
        oblasti, Ukrainskoy SSR (for Mikhaylets, Artemenko, Moskalenko).
        4. Kolkhoz "40 let Oktyabrya", Tarliyskogo rayona, Moldavskoy
        SSR (for Al'bertyan).

(Continued on next card)

ZHAM'YANAVA, D. D.

"External Secretory Function of the Pancreas During a Combination of Ulceration of the Duodenum andStomach and Cholecystitis." Cand Med Sci, First Moscow Medical Inst, Moscow, 1953. RZHBiol, No 7, Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)

SO: Sum. No. 556 24 Jun 55

ZHAM'YANOVA, D.T.

KUSHKIY, R.O.; ZHAM'YANOVA, D.T.

7

Gastroduodenal ulcers complicated by cholecystitis. Klin.med.,
Moskva no.3:56-60 Mr '50.   (CLML 19:2)

1. Of the Therapeutic Clinic of the Institute imeni Sklifosov-
skiy and of the Third Department of Therapy TsIU (Head of the Clinic
and the Department -- Honored Worker in Science Prof. A.N.Kryukov,
Active Member of the Academy of Medical Sciences), Moscow.

BRICHKIN, A.V.; ZHANABATYROV, Ye.S.

Effect of resistance in dust collector channels on sinker drill boring (air hammer drill). Trudy Inst. gor. dela AN Kazakh. SSR no.3:120-128 '58.   (MIRA 11:6)

(Boring)   (Dust collectors)

ZHAHABATYROV, Ye. S.   Cand Tech Sci   (diss)   "Study of dust removal [methods of removing from the air] methods in dry well drilling with pneumatic drills [with graphs] in the Leninogorsk mines."   Alma-Ata, 1957   16 pp   21 cm.
(Kazakhstan SSR Acad Sci, Inst Metallurgy and beneficiation [Concentration] [KaSSR])   100 copies

(KL, 11-57, 98)

20

15-57-7-10283D

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 7,
p 240 (USSR)

AUTHOR: Zhanabatyrov, Ye. S.

TITLE: Investigation of Means for Dust Removal From the Air
in Dry Drilling With Pneumatic Hammers at the
Leninogorsk Mine Fields (Issledovaniye sposobov
obespylivaniya vozdukha pri sukhom burenii skvazhin
pnevmoudarnikami na rudnikakh Leninogorska)

ABSTRACT: Bibliographic entry on the author's dissertation for
the degree of Candidate of Technical Sciences,
presented to the Institute of Metallurgy and Benefi-
cation of the Kazakhstan SSR (In-t metallurgii i
obogashcheniya AN KazSSR), Alma-Ata, 1957

ASSOCIATION: In-t metallurgii i obogashcheniya AN KazSSR (Institute
of Metallurgy and Benefication of the AS Kazakhstan
SSR)

Card 1/1

ZHANABATYROV, Ye.S.

    Intensity of dust formation and methods for dust collecting
during drilling with pneumatic hammers in ore mines of the
Leninogorsk Combine.   Vest.AN Kazakh.SSR 12 no.12:55-63 D '56.
                                    (MLRA 10:2)

      (Dust collectors) (Mine dust)

BARON, L.I., doktor tekhnicheskikh nauk; KEKIN, A.A., kandidat tekhnicheskikh nauk; TERENT'YEV, V.I., kandidat tekhnicheskikh nauk; AKHMETOV, M.M., kandidat tekhnicheskikh nauk; ZHANABATYROV, Ye.S., gornyy inzhener

Studying the effectiveness of different systems used for the precipitation of dust in boring with pneumatic hammors. Bro'ba s sil. 2:118-131 '55.

(MLRA 9:5)

1. Komissiya pri Akademii nauk SSSR po bor'be s silikozom (for Baron)
2. Insitut gornogo dela Akademii nauk Kazakhskoy SSR.
   (DUST COLLECTORS)   (BORING)

ZHANABATYROV, Ye.S., kand.tekhn.nauk; V'YUGOV, G.I.

Intermediate cleaning of a ventilation current with an oil and shaving filter. Bor'ba s nil. 5:187-194 '62. (MIRA 16:5)

1. Karagandinskiy nauchno-issledovatel'skiy ugol'nyy institut. (Mine ventilation—Equipment and supplies) (Air filters)

L 45119-66   EWT(1)/EWP(m)   WW

ACC NR: AT6023758   SOURCE CODE: UR/3149/66/000/003/0199/0210

AUTHOR: Isatayev, S. I.; Zhanabayev, Z. Zh.

ORG: Kazakh State University im. S. M. Kirov (Kazakhskiy gosudarstvennyy universitet)

TITLE: Experimental study of heat transfer with jet flow around a cylinder

SOURCE: Alma-Ata. Kazakhskiy nauchno-issledovatel'skiy institut energetiki. Problemy teploenergetiki i prikladnoy teplofiziki, no. 3, 1966, 199-210

TOPIC TAGS: convective heat transfer, jet flow

ABSTRACT: The diameter of the experimental cylinder was varied from 78.7 to 270 mm, the velocity of the jet at the exit of the nozzle from 10 to 70 meters/sec, and the width of the nozzle orifice from 10 to 150 mm. A diagram of the apparatus is shown. Data on the distribution of the local heat transfer coefficient are given in graphic form. They show that, at distances $x/b \leq 12$, there is a laminar boundary layer near the forward critical point. At a small distance from the forward critical point the boundary layer becomes turbulent; as a result, the

Card 1/2

L 45119-66

ACC NR: AT6023758

heat transfer in this region increases sharply. The point of turbulization of the boundary layer, with an increase in the width of the orifice from 0.037 to 0.45, is displaced downstream from 15 to 75°. At distances $x/b > 12$ the boundary layer on the surface of the cylinder becomes turbulent directly after the forward critical point. At $b/d <$ 0.5, at distances $x/b < 3$, there is continuous flow around the cylinder. An optimum distance from the exit of the nozzle to the surface of the cylinder was determined as $x/b \approx 12$; at this distance heat transfer is the greatest. The article gives the dependence of the Nu numbers on Re_m and x/b, with a change in Re_m from 4×10^4 to 6×10^5, and in x/b from 1 to 55. Orig. art. has: 8 figures.

SUB CODE: 20/ SUBM DATE: none/ ORIG REF: 006/ OTH REF: 001

Card 2/2   mjs

ZHANABILOV, Ye.

Dissertation defended for the degree of Candidate of Juridicial Sciences
at the Institute of Government and Law

"Legal Control of the Labor Education Workers in the USSR."

Vestnik Akad. Nauk, No. 4, 1963, pp 119-145

ZHANAGULOV, A.Sh.

Labor productivity and the cost of coal in Karaganda Basin
mines. Nauch. trudy KNIUI no.14:508-518 '64.   (MIRA 18:4)

ZHANALINOVA, A.N., Cand Chem Sci — (diss) "Effect of a solvent upon the kinetics of hydrogenation of inir unsaturated compounds on a nickel catalyzer." Alma-Ata, 1959, 15 pp with graphs (Min of Higher Education USSR. Kazakh State Univ im S.M. Kirov) 150 copies. Bibliography pp 14-15 (13 titles) (KL, 34-59, 111)

ZHANALINOVA, A. N.

ZHANALINOVA, A. N.--"The Effect of the Solvent on the Kinetics of Hydrogenation of Unsaturated Compounds on a Nickel Catalyst." Acad Sci Kazakh SSR. Inst of Chemical Sciences. Kazakh State Pedagogical Inst for Women. Alma-Ata, 1955. (Dissertation for the Degree of Candidate in Chemical Science).

SO. Knizhnaya letopis'
No 2, 1956.

ZHANALINOVA, A.N.; SOKOL'SKIY, D.V.

Hydrogenation of dimethylpropergyl alcohol. Trudy Inst.khim.nauk
AN Kazakh. SSR 2:143-149 '58.   (MIRA 12:2)
        (Propynol)   (Hydrogenation)

ZHANALINOVA, A. N.

"Quantum Mechanical Analysis of Certain Triatomic Molecules"
Vestn. AN Kaz SSR, No 11, 1954, 75-80

A general wave function is derived for a valency electron in an atom
A in a molecule of the type H_2A. The bond energy of H_2O, H_2S, H_2Se, and
H_2Te molecules is computed. The theoretical results are in satisfactory
agreement ø with experiments. (RZhFiz, No 9, 1955).

SO: Sum-No 787, 12 Jan 56

ZHANALINOVA, A.N.; SOKOL'SKIY, D.V.

Rate of hydrogenation of unsaturated compounds in mixed solvents.
Trudy Inst.khim.nuak AN Kazakh. SSR 2:222-228 '58.

(MIRA 12:2)

(Hydrogenation)   (Unsaturated compounds)

SOV/81-59-7-22595

Translation from: Referativnyy zhurnal. Khimiya, 1959, Nr 7, p 73 (USSR)

AUTHORS: Zhanalinova, A.N., Sokol'skiy, D.V.

TITLE: The Hydrogenation of Dimethylacetylenylcarbinol in Mixed Solvents

PERIODICAL: Tr. In-ta khim. nauk. AS KazSSR, 1958, Nr 2, pp 143 - 149

ABSTRACT: The hydrogenation rate of dimethylacetylenylcarbinol (I) at
              13 - 50°C in the presence of a skeleton Ni-catalyst in binary
              mixtures of dioxane with water, alcohol or heptane, in the
              case of a change of the dioxane concentration, passes through
              a minimum pertaining to a dioxane concentration of 20 - 60%;
              the solubility of I in the same mixtures passes through a
              minimum in the case of compositions pertaining to the minimum
              reaction rate. The authors think that a decrease of the reaction
              rate and the solubility of I is caused by the mutual solvation of
              the components of the solvent leading to an increase in the ad-
              sorbability of I and to a decrease of the energy of the bond
              between the catalyst and hydrogen.

Card 1/1   S. Kiperman

ZHANALINOVA, A. N.

USSR/ Physics - Atom molecules

Card 1/2   Pub. 123 - 10/17

Authors   : Zhanalinova, A. N.

Title   : Study of some three atom molecules from the quantum-mechanical
               point of view

Periodical : Vest. AN Kaz. SSR 11, 75-80, Nov 1954

Abstract   : A simplified method of computing the bond energy of three atom
               molecules is suggested. The method consists in introducing the
               formula given below in which the bond energy of any molecule of
               the H_2A type is expressed; this formula is as follows:
               $\epsilon_{H_2A} = 2(J_{\sigma\sigma} + 2 J_{\pi\pi}) + 2(N_{\sigma\sigma} - \tfrac{1}{2} N_{\pi\pi})$
               where $J_{\sigma\sigma}$ and $J_{\pi\pi}$ are Colombian integrals of the interaction
               between one of the H atoms and the first and the second valence
               electrons of a heavy atom A (S, Se, Te, 0); $N_{\sigma\sigma}$ and $N_{\pi\pi}$ are the non
               Colombian integrals of the same interactions. Computations of the
               bond energy of the following atoms: H_2S, H_2Se, H_2Te and H_2O, carried
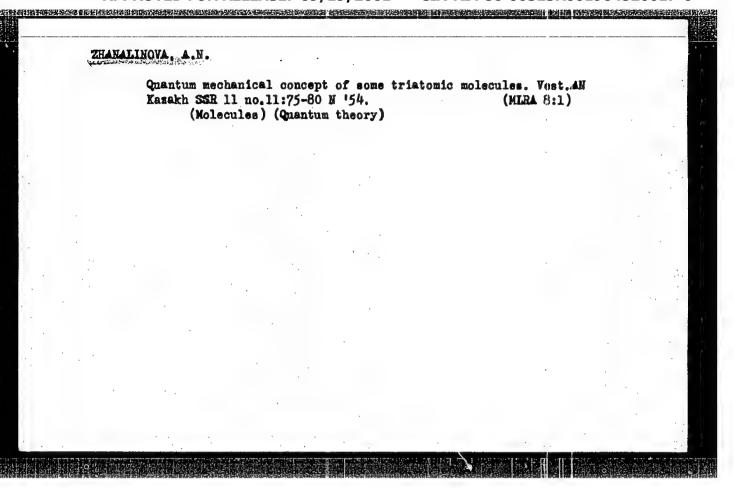
Periodical   :   Vest. AN Kaz. SSR 11. 75-80. Nov 1954

Card 2/2   Pub. 123 - 10/17

Abstract   :   out with the help of the above formula; gave very good results
closely matching the experimental data. Four references: 3 USSR
and 1 USA (1932-1947). Table.

Institution :   .....

Submitted   :   .....

ZHANALINOVA, A.N.

Quantum mechanical concept of some triatomic molecules. Vest. AN
Kazakh SSR 11 no.11:75-80 N '54.   (MLRA 8:1)
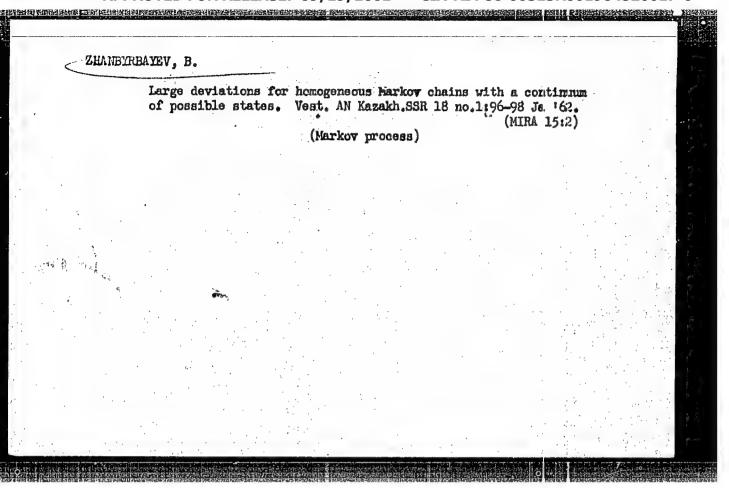   (Molecules) (Quantum theory)

ZHANAYDAROVA, G.A.

Clinical aspects and differential diagnosis of tuberculous meningitis
in adults. Zdrav. Kazakh. 21 no.5:55-58 '61.   (MIRA 15:2)

1. Iz kafedry nervnykh bolezney (zav. - dotsent R.G. Mandryko)
Karagandinskogo meditsinskogo instituta.
                (MENINGES—TUBERCULOSIS)

ZHANBIRBAYEV, B. S.

Properties of the Characteristic Numbers of One Intergral Equation p. 72

TRANSACTIONS OF THE 2ND REPUBLICAN CONFERENCE ON MATHEMATICS AND MECHANICS
(TRUDY VTOROY RESPUBLIKANSKOY KONFERENTSII PO MATEMATIKE I MEKHANIKE), 184
pages, published by the Publishing House of the AS KAZAKH SSR, ALMA-ATA, USSR, 1962

ZHANBYRBAYEV, B.

Large deviations for homogeneous Markov chains with a continuum
of possible states. Vest. AN Kazakh.SSR 18 no.1:96-98 Ja. '62.
                                                    (MIRA 15:2)
                    (Markov process)

16.6100 (X403)

32513
S/044/61/000/011/036/049
C111/C444

AUTHOR: Zhanbyrbayev, B.

TITLE: A precision of the local theorem for a homogeneous Markov chain with a continuous set of states

PERIODICAL: Referativnyy zhurnal, Matematika, no. 11, 1961, 4, abstract 11V15. (Uch. zap. Kazakhsk. gos. ped. in-t, 1960, 22, no. 2, 3-10)

TEXT: Let $\xi_o, \xi_1, \ldots, \xi_n$ be a sequence of stochastic variables connected in a homogeneous Markov chain and with the density of the transition probabilities $p(x,y)$ accepting values out of the interval $[a,b]$. The following conditions be satisfied:

A) $p(x,y)$ is continuous in the rectangle $[a \leqslant x, y \leqslant b]$;

B) To every couple of points x, y out of $[a,b]$ there exists an r such that the r-th iteration is positive.

Let be

$$c = -\frac{1}{D(1)} \int_a^b xD \left(\begin{array}{c|c} x \\ x \end{array} \, 1 \right) dx, \quad \delta^2 = \left. \frac{\partial^2 \lambda_o(\vartheta)}{\partial \theta^2} \right|_{\theta=0}$$

Card 1/2

32513
S/044/61/000/011/036/049
A precision of the local theorem ...   C111/C444

where $D(\lambda)$, $D\left(\frac{x}{y}\big|\lambda\right)$ are integer Fredholm functions, corresponding to the kernel $p(x,y)$; $\lambda_o(\theta)$ is the eigenvalue, corresponding to the kernel $p(x,y) \cdot \exp(i\theta y)$, where $\lambda_o(0) = 1$. Let $p_n(x)$ be the distribution density of the stochastic variable

$$\frac{\xi_0 + \xi_1 + \xi_2 + \dots + \xi_n - (n+1) c}{6\sqrt{n}}$$

Proved is the following theorem:

$$\sqrt{2\pi n}\, p_n(x) = e^{-\frac{x^2}{2}} + \sum_{\nu=1}^{k} n^{-\frac{\nu}{2}}\, Q_\nu(x)\, e^{-\frac{x^2}{2}} + O\left(n^{-\frac{k+1}{2}}\right)$$

where $Q_\nu(x)$ are certain polynomials, the coefficients of which are expressed by the moments of the initial distribution and by the values of the derivatives of $\lambda_o(\theta)$ in 0.

[Abstracter's note: Complete translation.]

Card 2/2

32514

S/044/61/000/011/037/049
C111/C444

16.6100 (2403)

AUTHOR: Zhanbyrbayev, B.

TITLE: On the local theorem for a homogeneous Markov chain with a continuous set of states

PERIODICAL: Referativnyy zhurnal, Matematika, no. 11, 1961, 4-5, abstract 11V16.(Uch. zap. Kazakhsk. gos. ped. in-t, 1960, 22, no. 2, 11-13)

TEXT: Under the suppositions and with the notations of the preceding review the following theorem is formulated:

Theorem: For arbitrary positive p and q there holds

$$\int_{-\infty}^{\infty} \left| p_n(x) - \frac{1}{\sqrt{2\pi}}\, e^{-\frac{x^2}{2}} \right|^p |x|^q\, dx = \frac{\lambda(p,q)}{(\sqrt{2\pi n})^p} + O\left(\frac{1}{n^{p/2}}\right)$$

where

$$\lambda(p,q) = \int_{-\infty}^{\infty} \left| \alpha x + \frac{\beta_3}{6}(x^3 - 3x) \right|^p |x|^q e^{-\frac{x^2}{2}}\, dx$$

Card 1/2

On the local theorem for a . . .

32514

S/044/61/000/011/037/049
C111/C444

$$\alpha = -i \frac{\partial}{\partial \theta} \ln A(\theta) \quad A(\theta) = \int_a^b \int_a^b Q_o(x,\theta) \, v_o(t,\theta) \, e^{i\theta t} \, dx \, dt$$

while $u_o(x,\theta)$ and $v_o(t,\theta)$ are those solutions of an integral equation
with the kernel $p(x,y) \exp (i\theta y)$ and of the conjugate equation, which
correspond to the eigenvalue $\lambda_o(\theta)$ which for $\theta \to 0$ converges to 1;
$Q_o(x)$ is the density of the initial distribution.
[Abstracter's note: Complete translation.]

Card 2/2

ZHANBYRBAYEV, B.S.

Characteristic numbers in a certain class of integral equations.
Izv.AN Uz.SSR.Ser.fiz.-mat.nauk 6 no.1:81-82 '62.   (MIRA 15:4)

1. Tashkentskiy gosudarstvennyy universitet imeni Lenina.
                (Integral equations)

ZHANCHIPOV, O. Sh. Cand Bio Sci — (diss) "Concerning the

activity of acid phosphatase and 'concentration of

orthophosphates' in de- and regenerating nerves and

nerve fibres ~~exposed~~ *subjected* to ~~cadaveric~~ *post-mortem* changes." Mos 1958

16 pp (Min of Agr USSR. Mos Vet Acad) 140 copies

(KL, 21-58, 89)

ZHANDAROV, Arkadiy Dmitriyevich; VISHNITSKIY, A.L., red.

[Anode-mechanical polishing] Anodno-mekhanicheskoe po-
lirovanie. Leningrad, 1964. 16 p.   (MIRA 17:9)

Card 1/2

L 34114-65
ACCESSION NR: AT5003621

of coordinates of a point that travels along a circle. The sine function is generated with an accuracy up to the 20th binary digit. Also, the means for computing a time-derivative of angle are provided. A principal circuit diagram of the outfit is explained in some detail. The combined digital servo system consists of a coordinate servo and a rate (or speed) servo. Information about coordinate $\sin \omega t$ and its rate of change $\cos \omega t$ comes from the computer and is fed into the ... information appears periodically: the rate.

OSIPOV, Yu.A.; SYSUYEV, V.A.; KOLEVATOV, P.A.; ZHANDAROV, O.V.;
DOBRYNIN, A.V.; ULITENOK, V.P.

Mining a seam subject to bumps using the method of water
injection into the seam. Ugol' 39 no.8:65-67 Ag '64.

(MIRA 17:10)

1. Permskiy nauchno-issledovatel'skiy ugol'nyy institut (for
Osipov, Sysuyev, Kolevatov). 2. Shakhta im. Kalinina kombinata
Kizelugol' (for Zhandarov, Dobrynin, Ulitenok).

ZHANDAROVA, A.; AGAFONOVA, O.

Socialist Competition

Quality and economy; a word to friends. Tekh. molod., No. 2, 1952

Monthly List of Russian Accessions, Library of Congress. June 1952. Unclassified.

ZHANDAROVA, A.; AGAFONOVA, O.

Turning

Quality and economy; a word to friends. Tekh. molod. no. 2, 1952